

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF
THE DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES,

AND THE

SUBDIVISION OF SECTION 26,

IN

TOWNSHIP 7 SOUTH, RANGE 20 EAST

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Richard L. Houston
Cadastral Surveyor

Under special instructions dated and approved *May 18, 1998*, which provided for the surveys included under Group Number 885, and supplemental assignment instructions dated *June 25, 1998*.

Survey commenced *July 1, 1998*

Survey completed *July 9, 1998*

INDEX DIAGRAM

Township 7 South, Range 20 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27 3	26 3	25
31	32	33	34	35	36

TOWNSHIP 7 SOUTH, RANGE 20 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 26, in T. 7 S., R. 20 E., Salt Lake Meridian, Utah.

HISTORY OF EARLIER SURVEYS

Surveyed by			Retr. or Resurveyed by	
UINTAH INDIAN RESERVATION BOUNDARY				
All	C.L. DuBois	1875		
Portion	A.D. Ferron	1879		
All			D.G. Major	1882
All			J.L. Thomas	1988
SOUTH BOUNDARY				
All	A.D. Ferron	1879		
All			D.G. Major	1882
Portion			E. Bird & A. Nelson	1949-53
Portion			J.L. Thomas	1988
EAST BOUNDARY				
All	A.D. Ferron	1879		
All			D.G. Major	1882
Portion			E. Bird	1950
Portion			A. Nelson	1953-
				1960
Portion			J.L. Thomas	1988
WEST BOUNDARY				
All	A.D. Ferron	1879		
All			D.G. Major	1882
All			J.L. Thomas	1988
NORTH BOUNDARY				
All	A.D. Ferron	1879		
All			D.G. Major	1882
All			J.L. Thomas	1988
SUBDIVISION				
All	A.D. Ferron	1879		
All			D.G. Major	1882
Portion			E. Bird	1950
Portion			J.L. Thomas	1988

TOWNSHIP 7 SOUTH, RANGE 20 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS**SUBDIVISION OF SECTION 6**

All	D.G. Major	1882		
All			J.L. Thomas	1988

MEANDERS OF THE GREEN RIVER

All	A.D. Ferron	1879
All	D.G. Major	1882
All	J.L. Thomas	1988

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973 edition, and the Special Instructions dated May 18, 1998, for Group No. 885, Utah.

The directions of lines were determined by references to true meridians established on line by hour angle observations of the sun and Polaris. The lines were carried forth by sustained angulation being supplemented by other observations taken throughout the progress of the survey. Distances were determined by electronic measurement.

Preliminary to the resurvey, the lines of the original surveys were retraced and a diligent search was made for any evidence of the original field note record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The geographic position of U.S. Coast and Geodetic Survey triangulation station "ECHLESON", is as follows:

Latitude: 40°07'43.72577" N. Longitude: 109°40'53.05509" W.
N.A.D 1983 (1994) Elevation: 4932 ft.

The geographic position of the corner of sections 25, 26, 35, and 36, as determined by a tie made to U.S. Coast and Geodetic Survey triangulation station "ECHLESON", is as follows:

Latitude: 40°10'27.382" N. Longitude: 109°37'34.061" W.
N.A.D 1983

The mean magnetic declination as projected from U.S. Geological Survey Magnetic Declination Map of 1990, is 13° E.

Dependent Resurvey of a Portion of the Subdivisional
Lines, T. 7 S., R. 20 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by A.D. Ferron in 1879,
and the Resurvey Executed by D.G. Major in 1882,
and J.L. Thomas in 1988

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 7 S., R. 20 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Beginning at the corner of sections 25, 26, 35, and 36, monumented with an iron post, 2 inches diameter, firmly set, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1950 resurvey.

N. 1° 31.7' W., between sections 25 and 26.

20.497 Point for the S 1/16 section corner of sections 25 and 26; not monumented.

40.994 The 1/4 section corner of sections 25 and 26, monumented with a stainless steel post, 2 1/2 inches diameter, in a collar of stone, with brass cap marked as described in the official record of the 1988 resurvey.

N. 0° 27.1' E., beginning new measurement.

19.312 Point for the N 1/16 section corner of sections 25 and 26; not monumented.

38.624 The corner of sections 23, 24, 25, and 26, monumented with a stainless steel post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1988 resurvey.

From the point for the corner of sections 26, 27, 34, and 35, at proportionate distance, falls in a cultivated field; there is no remaining evidence of the original 1988 resurvey corner.

From which

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 40 inches in the ground in an E and W farm dirt road, with a magnet at its base, for a reference monument, which bears S. 16° E., 176.2 lks. distance, with an aluminum cap marked T7S R20E S35 RM 116.26 FT 1998, and an arrow pointing to the true corner position.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 40 inches in the ground in an E and W farm dirt road, with a magnet at its base, for a reference monument, which bears S. 56° W., 419.7 lks. distance, with an aluminum cap marked T7S R20E S34 RM 277 FT 1998, and an arrow pointing to the true corner position.

From the true point, the corner of sections 2, 3, 34, and 35, on the south boundary of the township, monumented with a stainless steel post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1988 resurvey, bears S. 0° 26.2' E., 81.929 chains distance. This control line was fully retraced and a careful search was made for evidence of the intervening 1/4 corner, which falls in a hay field and was not recovered.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 7 S., R. 20 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the true point, the W 1/16 section corner of sections 26 and 35, monumented with a stainless steel post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1988 resurvey, bears S. 83° 25.2' E., 20.260 chains distance.

From the true point, the E 1/16 section corner of sections 27 and 34, monumented with a stainless steel post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1988 resurvey, bears S. 81° 48.7' W., 20.268 chains distance.

N. 0° 18.2' W., between sections 26 and 27.

20.522 Point for the S 1/16 section corner of sections 26 and 27; not monumented.

41.044 The 1/4 section corner of sections 26 and 27, monumented with a stainless steel post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in; the official record of the 1988 resurvey.

N. 0° 22.0' W., beginning new measurement.

20.549 Point for the N 1/16 section corner of sections 26 and 27; not monumentd.

41.098 The corner of sections 22, 23, 26 and 27, monumented with a stainless steel post, 2 1/2 inches diameter, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1988 resurvey.

From which

U.S. Coast and Geodetic Survey triangulation station "ECHLESON", bears
foreword S. 24° 35.4' W., backward N. 24°34.0' E., 364.592 chains
distance.

The Subdivision of Section 26.
T. 7 S., R. 20 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by D.G. Major in 1882,
and J.L. Thomas in 1988

From the point for the S 1/16 section corner of sections 25 and 26.

S. 88° 55.3' W., on the E-W center line of the S 1/2 of section 26.

40.789 Point for the center S 1/16 section corner of section 26, at proportionate distance, falls in a hay field. I found the 1988 stainless steel post at edge of hay field.

THE SUBDIVISION OF SECTION 26,
T. 7 S., R. 20 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Reset the stainless steel post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, marked as described in the official record of the 1988 resurvey. I added 1998 to the monument.

Deposit a magnet at base of stainless steel post.

Set a steel T-post alongside the stainless steel post.

81.578 The point for the S 1/16 section corner of sections 26 and 27.

From the 1/4 section corner of sections 25 and 26.

S. 88° 56.3' W., on the E-W center line of section 25.

40.567 Point for the center 1/4 section corner of section 26, at proportionate distance, falls in cultivated field; there is no remaining evidence of the original 1988 resurvey corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T7S R20E
C 1/4 S26
1998

Deposit a magnet at base of the aluminum post.

Set a steel T-post alongside the aluminum post.

Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, west of corner.

81.134 The 1/4 section corner of sections 26 and 27.

From the point for the N 1/16 section corner of sections 25 and 26.

S. 89° 48.7' W., on the E-W center line of the N 1/2 of section 26.

40.700 Point for the center N 1/16 section corner of section 26, at proportionate distance, falls in a cultivated field, 150 ft. N of S edge of field.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C
N 1/16 | S26
C
1998

THE SUBDIVISION OF SECTION 26,
T. 7 S., R. 20 E., SALT LAKE MERIDIAN, UTAH

CHAINS	
	Deposit a magnet at base of the aluminum post.
	Set a steel T-post with pink marker top, alongside the aluminum post.
	Corner is located between the wheel marks of a center pivot irrigation system.
81.400	The point for the N 1/16 section corner of sections 26 and 27. <hr/> From the 1/4 section corner of sections 26 and 35, monumented with a stainless steel post, 2 1/2 inches diameter, projecting 6 inches above the ground, with brass cap marked as described in the official record of the 1988 resurvey. N. 2° 50.4' W., on the N-S center line of section 26.
23.958	The center S 1/16 section corner of section 26. <hr/> N. 0°54.1' W., beginning new measurement.
20.525	The center 1/4 section corner of section 26. <hr/> N. 0°00.6' E., beginning new measurement.
19.915	The center N 1/16 section corner of section 26. <hr/> N. 0°05.2' E., beginning new measurement.
20.089	The 1/4 section corner of sections 23 and 26, monumented with a stainless steel post, 2 1/2 inches diameter, level with the ground, with brass cap marked as described in the official record of the 1988 resurvey. <hr/>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Harvey Pinegar Keith Batty	Survey Aid Survey Aid

CERTIFICATE OF SURVEY

I, **Richard L. Houston**, *Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *18th day of May, 1998*, I have *dependently resurveyed a portion of the subdivisional lines and the subdivision of section 26, Township 7 South, Range 20 East*,

of the Salt Lake Meridian, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for The Public Lands of the United States, and in specific manner described in the foregoing field notes.

6/20/2000

Date

Richard L. Houston

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the subdivisional lines and the subdivision of section 26, in Township 7 South, Range 20 East, Salt lake Meridian, Utah*,

executed by **Richard L. Houston**, *Cadastral Surveyor*

having been critically examined and found correct, are hereby approved.

July 28, 2005

Date

Daniel W. Webb

(Chief Cadastral Surveyor for Utah)